

**LOUISIANA DELTA COMMUNITY COLLEGE
ACADEMIC AFFAIRS MASTER SYLLABUS**

DATE APPROVED OR REVISED: Aug., 2009

Course Name: Introductory Earth Science I

Course Number: **SCIE 101**

Text: Lutgens, Frederick K., and Tarbuck, Edward J. (2008). *Foundations of Earth Science*, (5th edition). New Jersey: Pearson/Prentice-Hall, Inc.

Lecture Hours: 3

Lab Hours: 0

Credit Hours: 3

Course Description: Earth Science (SCIE 101) 3 credit hours. This survey course will present an integrated approach to general earth science with an emphasis on the following: geology with an introduction to oceanography, meteorology, and astronomy. Basic science skills, such as the scientific method, will be highlighted through earth science concepts. Field trips may be arranged, but not required, throughout the course.

Pre-requisites: None – one may enroll in SCIE 102 without having taken SCIE 101.

Co-requisites: None

Learning Outcomes: On completion of this course, the student will be able to:

- A. Identify and explain major concepts in general earth science and their various subtopics.
- B. Discuss orally and explain in writing how knowledge of earth processes affects our everyday lives.
- C. Explain the importance of earth science on society and the business world.
- D. Utilize the process skills and problem-solving skills to solve laboratory applications in earth science.
- E. Explain and give examples of the relationship of science, technology, and society.

ASSESSMENT MEASURES:

- 1. Written examinations
- 2. Quizzes (announced and unannounced)
- 3. Class work points: problem solving and laboratory activities, individual and/or group projects, and class participation.
- 4. Library assignment or report